

# Tushti Kulshreshtha

Portfolio:- <https://tushtikulshreshtha-portfolio.vercel.app/>

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## EDUCATION

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|---|----------------------------------|
| <b>B. Tech in CSE (Major: Cloud Computing, Minor: DevOps)</b><br><i>UPES, Dehradun</i>    | Aug. 2021 – May. 2025<br>8.28/10 |
| <b>Senior Secondary (XII) - CBSE</b><br><i>Three Dots Sewamarg public School, Aligarh</i> | 2020 – 2021<br>95.02%            |
| <b>Secondary (X) - CBSE</b><br><i>Three Dots Sewamarg public School, Aligarh</i>          | 2018 – 2019<br>90.4%             |

## SKILLS

**Programming Languages:** Java, Python, C++, JavaScript, HTML/CSS  
**Database Management:** MySQL, MongoDB  
**Technologies/Frameworks:** AWS, Docker, MERN Stack, Agile/Scrum Development, Java Swing  
**Tools Platforms:** Git, GitHub, Visual Studio Code, JIRA, Microsoft Azure, Canva, MS Word, Excel, PowerPoint

## INTERNSHIPS

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| <b>IBM</b><br><i>Intern</i>   | June 2024 – July 2024<br><i>Remote</i> |
| <ul style="list-style-type: none"><li>Developed Scholar Sync, a cloud-based educational platform using the MERN stack, enabling users to create, consume, and rate educational content.</li><li>Enhanced accessibility and interactivity, fostering seamless collaboration between learners and educators globally.</li></ul> |  |
| <b>InternCareer</b><br><i>Intern</i>  | Dec. 2023 – Jan. 2024<br><i>Remote</i> |
| <ul style="list-style-type: none"><li>Created a professional portfolio website using HTML, CSS, and Javascript.</li><li>Developed a dynamic blogging platform using the MERN stack, focusing on responsive design, user authentication, and CRUD operations.</li></ul>  |  |
| <b>Codegramly</b><br><i>Instructor</i>  | July 2022 – Oct. 2022<br><i>Remote</i> |
| <ul style="list-style-type: none"><li>Delivered engaging Python lessons online, promoting accessibility and remote learning.</li><li>Fostered an inclusive environment with guidance, feedback, and resources to empower students.</li></ul>  |  |
| <b>BloodConnect Foundation</b><br><i>Volunteer</i>  | June 2022 – Oct. 2022<br><i>Remote</i> |
| <ul style="list-style-type: none"><li>Coordinated donor-patient connections to streamline blood transfusions while managing logistics.</li><li>Educated donors on safe donation practices for a smooth experience.</li></ul>  |  |
| <b>Saakshar Hum Foundation Charitable Trust</b><br><i>Volunteer</i>   | July 2021 – May 2022<br><i>Remote</i>  |
| <ul style="list-style-type: none"><li>Conducted interactive online mathematics lessons and developed digital resources.</li><li>Enhanced the virtual learning experience and supported remote learners.</li></ul>   |  |

## PROJECTS

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| Blogging Platform   | Dec. 2023 – Jan. 2024 |
| <ul style="list-style-type: none"><li>• Led the creation of a dynamic blogging platform using the MERN stack, featuring user authentication, responsive design, and CRUD operations for blog posts.</li></ul>                   |                       |
| Interactive Contact Management System   | Aug. 2023 – Dec. 2023 |
| <ul style="list-style-type: none"><li>• Developed a Java-based Contact Management System with Java Swing, implementing user authentication, CRUD functionalities, and advanced search/sort features.</li></ul>                  |                       |
| Quiz Management System  | Aug. 2023 – Dec. 2023 |
| <ul style="list-style-type: none"><li>• Built a microservices-based Quiz Management System using Docker for containerization and deployed it on AWS, optimizing quiz operations and system performance.</li></ul>               |                       |
| File Conversion Hub   | Aug. 2023 – Dec. 2023 |
| <ul style="list-style-type: none"><li>• Created a platform for converting various file formats, hosted on Microsoft Azure, featuring stress testing and load balancing to ensure efficient cloud workload management.</li></ul> |                       |

## CERTIFICATIONS

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- AWS Certified Solution Architect Associate
- AWS Academy Graduate - Cloud Security Foundation
- AWS Academy Graduate - Cloud Architecting
- AWS Academy Graduate - Cloud Developing
- AWS Academy Graduate - Cloud Operations
- AWS Academy Graduate - Cloud Web Application Builder
- AWS Academy Graduate - Microservices and CI/CD Pipeline Builder
- Front-End Development- HTML & CSS — Great Learning

## POSITIONS OF RESPONSIBILITY

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- Student Placement Representative (SPR) — UPES Career Service Department
- Changemaker — UPES Career Service Department
- CSR Representative — Saakshar Hum Foundation Charitable Trust
- Core Design Team Member — UPES-CSA Student Chapter
- Core Technical Team Member — UPES-CSI Student Chapter
- Core Event Head — UPES ACM & ACM-W Student Chapter

## ACHIEVEMENTS

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- STAR Performer as CSR Representative at Saakshar Hum Foundation Charitable Trust